

Patent
TS-7594(US)
YI/PDM

Amendments to the Claims:

Please make the following amendments to the claims:

1. (Currently amended) A water-in-fuel emulsion composition comprising a Fischer-Tropsch derived fuel and water, wherein said water-in-fuel emulsion composition ~~have~~has an ignition delay of equal or less than the equivalent cetane number of 40.
2. (Original) The composition of claim 1 which contains no ignition improving additive.
3. (Original) The composition of claim 1 wherein the water-in-fuel emulsion composition comprises an emulsifier.
4. (Currently amended) The composition of claim 1 wherein the water-in-fuel emulsion ~~composition~~ havehas an ignition delay of equal or less than the equivalent cetane number of about 44.
5. (Currently amended) The composition of claim 4 wherein the water-in-fuel emulsion ~~composition~~ has an ignition delay of equal or less than the equivalent cetane number of about 50.
6. (Currently amended) A water-in-fuel emulsion composition comprising a Fischer-Tropsch derived fuel and water, wherein said water-in-fuel emulsion composition ~~have~~has an ignition delay of about 3 ~~[[ϵ]]~~degrees of crank angle~~[[θ]]~~ or less measured using an AVL/LEF 5312 engine wherein the operating conditions comprise a torque set point of 130 Nm, a speed set point of 1200 rpm, a coolant temperature set point of 80°C, an air intake temperature of 35°C, an air intake pressure of 140 kPa, an exhaust pressure of 120 kPa, and injection timing set at 1° of crank angle before top dead center (BTCD) ~~under operating condition as described in Tables 2 and 3.~~
7. (Currently amended) The composition of claim 6 wherein the water-in-fuel emulsion composition ~~have~~has an ignition delay of about 3.1 ~~[[ϵ]]~~degrees of crank angle~~[[θ]]~~ or less ~~measured using an AVL/LEF 5312 engine under operating condition as described in Tables 2 and 3.~~
8. (Original) The composition of claim 6 which contains no ignition improving additive.